armineamekhyan@ysu.am

Center for Mathematical and Applied Research
Cosmology Laboratory
Scientific Worker

Faculty of Mathematics and Mechanics
Center for Mathematical and Applied Research
Cosmology Laboratory
Scientific Worker

Publications

Conference
Observational scalings testing modified gravity
Armine Amekhyan
2025 37 - 38
https://indico.global/event/551/

Article
Dark halos and Tully-Fisher relation testing modified gravity
Armine Amekhyan, Sargsyan Seda
Modern Physics Letters A 2024 2450114

Article
Observational scalings testing modified gravity
Armine Amekhyan, Seda Sargsyan, Arman Stepanian
Research in Astronomy and Astrophysics 2021 309

Article
Galactic sparsity and Λ -gravity
A. Amekhyan, S. Sargsyan, A. Stepanian
Modern Physics Letters A 2020 2050299

Article
Rotating baryonic dark halos
V.G.Gurzadyan, Ph. Jetzer, G. Ingrosso, N. Tahir, S. Sargsyan, A. Amekhyan, A. Kashin, A. Qadir,
A. A. Nucita, A. V. Gurzadyan, F. De Paolis
Astronomy and Astrophysics 2019 A87

Article
On the structure of galactic halos and the microwave temperature maps
A.Amekhyan
International Journal of Modern Physics D 2019 2040016

Article
Role of dust in the microwave emission of galactic halos
A. Amekhyan, S. Sargsyan, A. Stepanian
Modern Physics Letters A 2019 1950308

Article

Messier 81's Planck view versus its halo mapping

A. Amekhyan, V. G. Gurzadyan, S. Sargsyan, A. L. Kashin, F. De Paolis, A. A. Nucita, G. Yegorian, A. Qadir, G. Ingrosso, Ph. Jetzer, D. Vetrugno

Astronomy and Astrophysics 2018 A131